

**FIG. 1**

OUTER LAYER

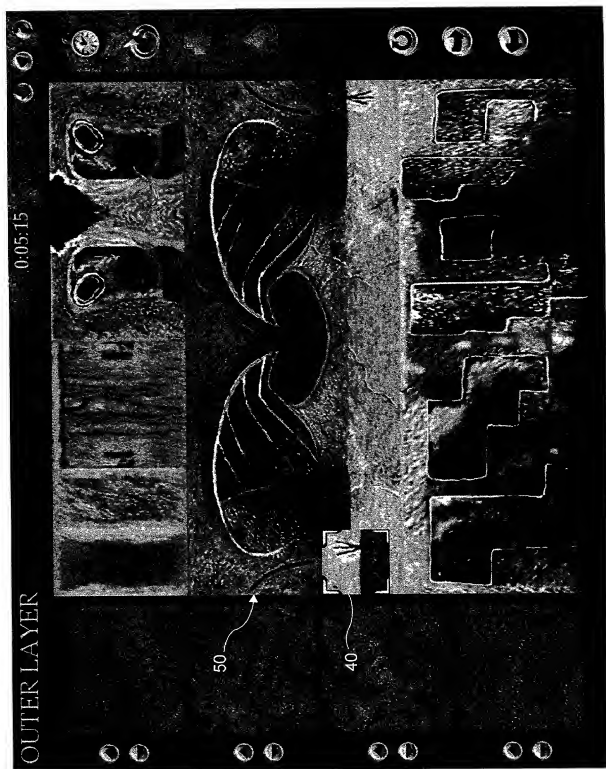
0:05:30

40

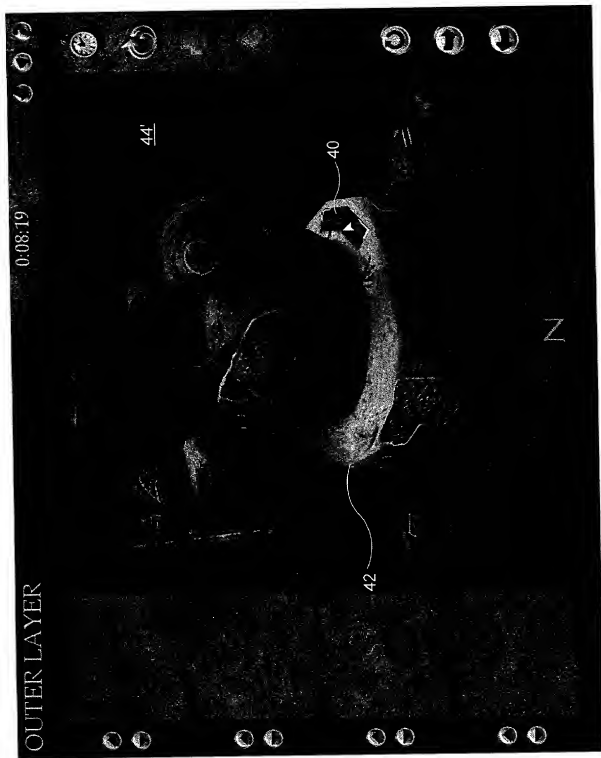
42

W

TOP SECRET 51104000



**FIG. 3**



**FIG. 4**

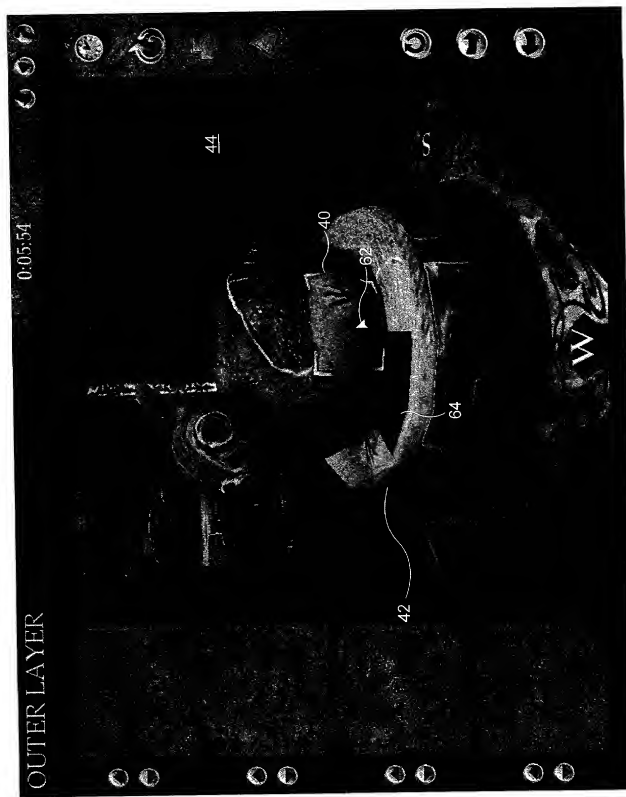


FIG. 5

• • • • •

0:06:36

0:06:36

44

69

62

40

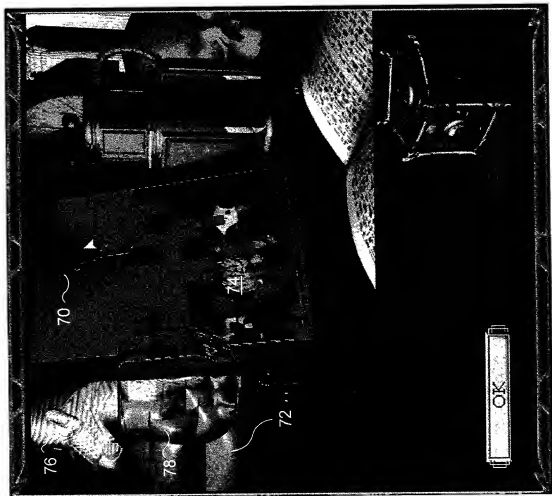
42

542

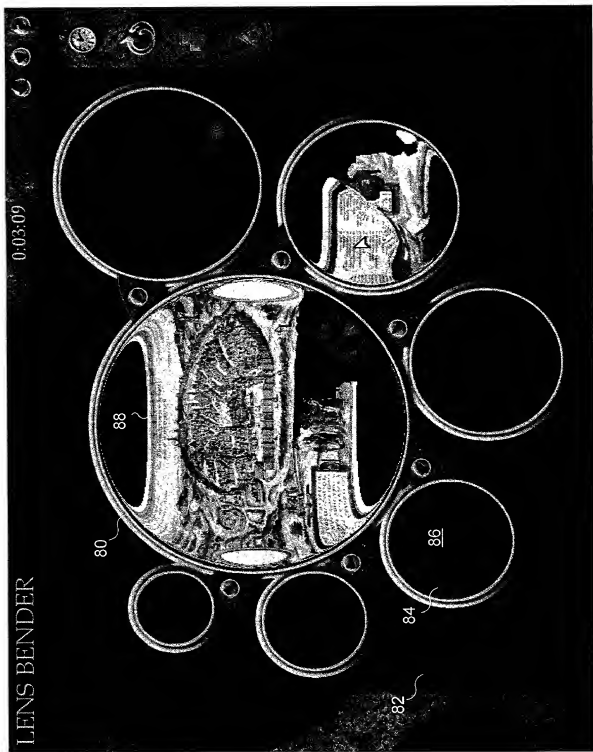
5



**FIG. 6**

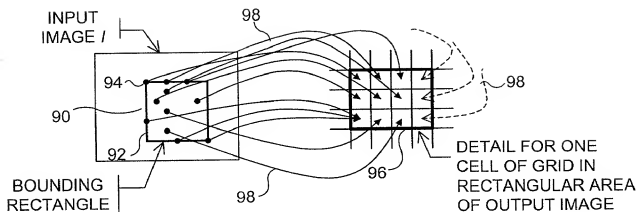


**FIG. 7**

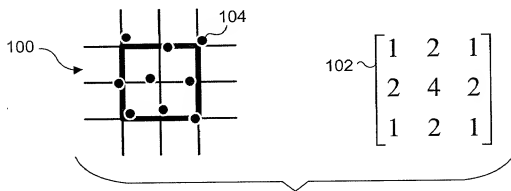


**FIG. 8**





**FIG. 9**



**FIG. 10**

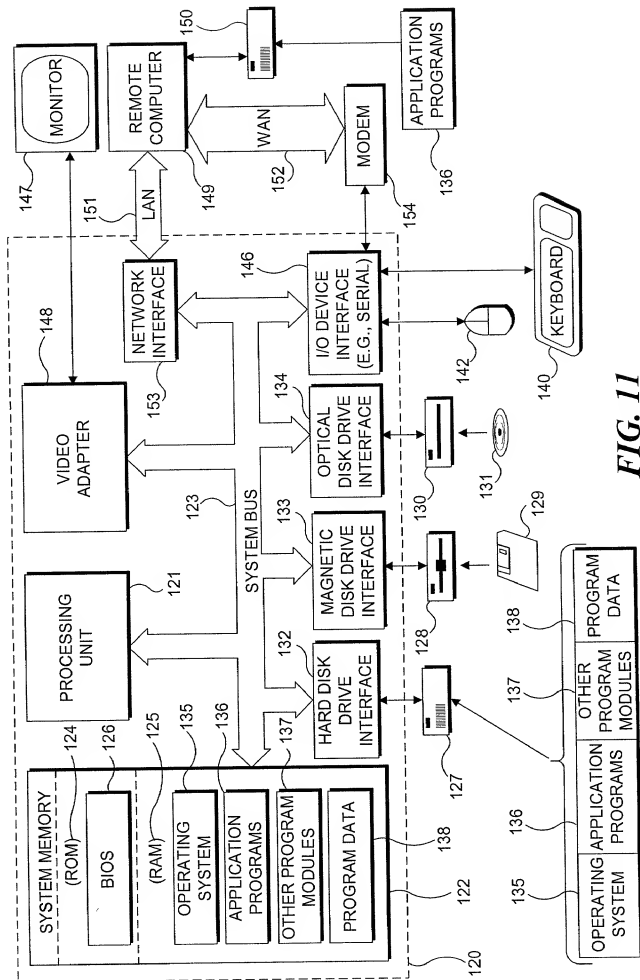
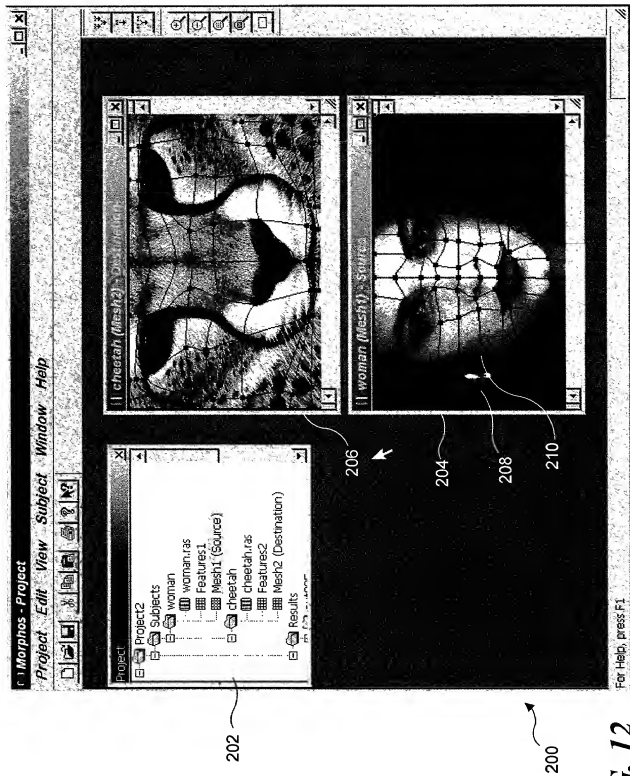


FIG. 11



**FIG. 12**



**FIG. 13**

212



| Material      | Length | Width | Thickness | Weight | Volume              | Area                | Perimeter |
|---------------|--------|-------|-----------|--------|---------------------|---------------------|-----------|
| Aluminum      | 100 mm | 50 mm | 2 mm      | 100 g  | 100 cm <sup>3</sup> | 100 cm <sup>2</sup> | 300 mm    |
| Steel         | 100 mm | 50 mm | 2 mm      | 200 g  | 200 cm <sup>3</sup> | 200 cm <sup>2</sup> | 300 mm    |
| Copper        | 100 mm | 50 mm | 2 mm      | 300 g  | 300 cm <sup>3</sup> | 300 cm <sup>2</sup> | 300 mm    |
| Brass         | 100 mm | 50 mm | 2 mm      | 250 g  | 250 cm <sup>3</sup> | 250 cm <sup>2</sup> | 300 mm    |
| Iron          | 100 mm | 50 mm | 2 mm      | 180 g  | 180 cm <sup>3</sup> | 180 cm <sup>2</sup> | 300 mm    |
| Lead          | 100 mm | 50 mm | 2 mm      | 400 g  | 400 cm <sup>3</sup> | 400 cm <sup>2</sup> | 300 mm    |
| Gold          | 100 mm | 50 mm | 2 mm      | 500 g  | 500 cm <sup>3</sup> | 500 cm <sup>2</sup> | 300 mm    |
| Silver        | 100 mm | 50 mm | 2 mm      | 350 g  | 350 cm <sup>3</sup> | 350 cm <sup>2</sup> | 300 mm    |
| Platinum      | 100 mm | 50 mm | 2 mm      | 450 g  | 450 cm <sup>3</sup> | 450 cm <sup>2</sup> | 300 mm    |
| Palladium     | 100 mm | 50 mm | 2 mm      | 380 g  | 380 cm <sup>3</sup> | 380 cm <sup>2</sup> | 300 mm    |
| Rhodium       | 100 mm | 50 mm | 2 mm      | 420 g  | 420 cm <sup>3</sup> | 420 cm <sup>2</sup> | 300 mm    |
| Ruthenium     | 100 mm | 50 mm | 2 mm      | 400 g  | 400 cm <sup>3</sup> | 400 cm <sup>2</sup> | 300 mm    |
| Rhenium       | 100 mm | 50 mm | 2 mm      | 480 g  | 480 cm <sup>3</sup> | 480 cm <sup>2</sup> | 300 mm    |
| Rosetta Stone | 100 mm | 50 mm | 2 mm      | 100 g  | 100 cm <sup>3</sup> | 100 cm <sup>2</sup> | 300 mm    |



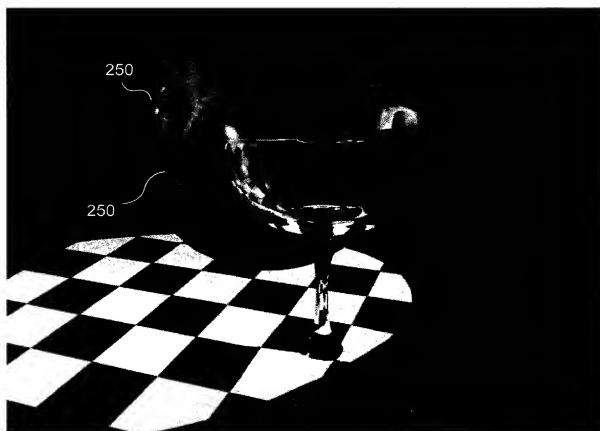
**FIG. 15**





**FIG. 16**

240



**FIG. 17**

250

250

242